




NATIONAL
GEOGRAPHIC

Ladders

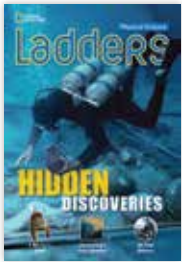
SCIENCE



NATIONAL
GEOGRAPHIC
LEARNING



CENGAGE
Learning



Hidden Discoveries

Physical Science

Each of these articles is linked together by the topic of hidden discoveries.

SELECTION 1: “A Warrior’s Gold”—This third-person narrative allows you to learn about the burial, discovery, and study of a collection of golden artifacts. The narrative explains how Terry Herbert used the property of magnetism to make this amazing discovery in the English countryside.

SELECTION 2: “Uncovering a Past Disaster”—This science article tells the facts about the work that Dr. Beverly Goodman, National Geographic Explorer, does in Caesarea in present-day Israel. Dr. Goodman is searching for clues from the past to see what happened at the port of Caesarea long ago.

SELECTION 3: “All that Glitters”—This science article takes you on a tour to find mixtures containing precious materials and to understand their properties.

530L—6 pack **9781285824383**

650L—6 pack **9781285824390**

790L—6 pack **9781285824406**



Keep Out! Keep Away!

Life Science

The focus of this book is on harmful plants and animals.

SELECTION 1: “Pesky Pests”—This science article tells about four kinds of animals that are often unwelcome guests in our homes—or hair! It also tells what you can do to keep these pests away from your home.

SELECTION 2: “Watch Out for Wasps!”—This science article tells how wasps live and why some wasps can be dangerous. You’ll read details about two common wasps—bald-faced hornets and yellowjackets.

SELECTION 3: “Poisonous Plants”—This reference article has descriptions, photos, and maps that will help you identify three dangerous plants—poison oak, poison ivy, and poison sumac. It also tells you how to avoid getting a painful rash from these plants.

580L—6 pack **9781285824413**

690L—6 pack **9781285824420**

780L—6 pack **9781285824437**



Big Storm

Earth Science

The topic of this book is hurricanes.

SELECTION 1: “Hurricane Katrina”—Read a news-style report of one of the worst hurricanes in recent history. The article follows the storm’s development over the Atlantic Ocean, its landfall on the Gulf Coast, and the damage caused to communities in the storm’s patch including New Orleans

SELECTION 2: “Protecting New Orleans”—A process article describing the steps taken to rebuild the levees protecting New Orleans.

SELECTION 3: “Into the Eye of a Hurricane”—An interview with United States Air Force Hurricane Hunters, provides an in depth look at the work done to forecast hurricanes and the research being done to understand these storms better.

580L—6 pack **9781285824239**

720L—6 pack **9781285824246**

810L—6 pack **9781285824253**



Cool Caves

Physical Science

This book topic is on caves and how they form.

SELECTION 1: “The World of Caves”—This science article tells about how different kinds of caves form and the process they have in common.

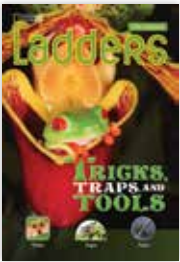
SELECTION 2: “The Blue Holes of the Bahamas”—This science article takes you on an exploration of some underwater caves in the Bahamas. It describes how they form and what makes them special.

SELECTION 3: “Dive Connection”—This third-person narrative allows you to experience the dangers of long, deep dives in underwater cave tunnels.

590L—6 pack **9781285824260**

740L—6 pack **9781285824277**

840L—6 pack **9781285824284**



Tricks, Traps, and Tools

Life Science

Each of these articles is linked together by the topic of structures and behaviors that help living things survive.

SELECTION 1: "Tricks"—This reference article helps you identify ways that animals' colors and shapes protect them from other animals. You'll read about animals that look like their surroundings. You'll meet animals that are brightly colored. Finally, you'll meet animals whose looks will surprise you.

SELECTION 2: "Traps"—This science article tells you about strange-looking plants that make their living by trapping animals.

SELECTION 3: "Tools"—This science article introduces you to animals that use rocks and other objects to carry out different tasks. Some of these animals are born knowing how to use tools. Others must learn how to use them.

550L—6 pack **9781285824536**

680L—6 pack **9781285824543**

810L—6 pack **9781285824550**



Mountains, Valleys, and Plains

Earth Science

This book is about landforms.

SELECTION 1: "Earth's Landforms"—This reference article will give you details about some different landforms found on Earth's surface. It also introduces three locations featured in the other selections in the book.

SELECTION 2: "Andes Mountains"—This science article focuses on an area in South America. It tells about the physical features of one of Earth's great mountain ranges, and how people adapt to live on this landform.

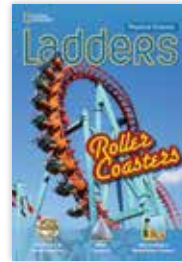
SELECTION 3: "Rhine Valley"—A science article about the natural features of this European valley and what it is like to live there.

SELECTION 4: "North China Plain"—This science article takes you on a tour of the natural features of the plain. You will also discover what makes this area one of the most populated areas of Asia.

790L—6 pack **9781285824444**

940L—6 pack **9781285824451**

980L—6 pack **9781285824468**



Roller Coasters

Physical Science

Each of the articles in this book are linked together by the topic of roller coasters.

SELECTION 1: "The History of Roller Coasters"—This history article tells you about some of the earliest roller coasters. Then it highlights certain ones over the years that have new features or designs.

SELECTION 2: "Wild Coasters"—This science article visits three roller coasters that are the "most" in speed, height, and length. The article also explains how they accomplish that feat.

SELECTION 3: "How to Make a Model Roller Coaster"—This how-to article provides directions for you to follow to make your own model roller coaster.

570L—6 pack **9781285824505**

710L—6 pack **9781285824512**

860L—6 pack **9781285824529**



Tropical Rain Forest Adventure

Life Science

This book topic is about life in a tropical rain forest.

SELECTION 1: "Welcome to the Rain Forest"—This reference article takes you on a tour of the four layers of the Amazon rain forest. You'll meet some amazing animals, such as fierce eagles, noisy toucans, poison dart frogs, and powerful snakes. You'll also learn how food chains connect the plants and animals that live in the different layers.

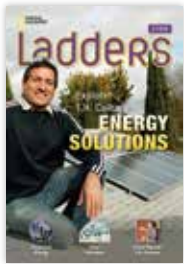
SELECTION 2: "Tim Laman: Night in the Rain Forest"—This third-person narrative tells how a National Geographic Field Biologist takes pictures at night. It describes some of the challenges of photographing wild animals, such as gliding frogs and big-eyed tarsiers. It also tells how it feels to be in a rain forest when it is dark.

SELECTION 3: "Saving the Rain Forests"—This opinion piece explains why it is important to save Earth's rain forests. It also tells how you can help save the forests and the animals that live in them.

620L—6 pack **9781285824567**

720L—6 pack **9781285824574**

810L—6 pack **9781285824581**



Explorer T.H. Culhane: Energy Solutions STEM

Each of these articles is linked together by the topic of energy needs and solutions.

SELECTION 1: “Essential Energy”—This science article explains that getting energy is not easy in many places and it describes energy sources used in different places in the world.

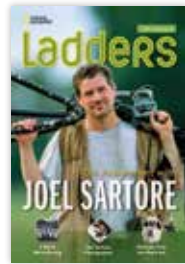
SELECTION 2: “Solar Solutions”—In this personal narrative, T. H. Culhane tells about helping people use solar power for energy in the mountains of Nepal.

SELECTION 3: “Urban Planner: T.H. Culhane”—This interview with National Geographic Explorer and urban planner, T. H. Culhane. Answering questions posed to him, T. H. shares information about how he helps people throughout the world meet energy needs and how he motivates young people to become involved in science, technology, engineering, and math.

590L—6 pack **9781285824321**

690L—6 pack **9781285824338**

790L—6 pack **9781285824345**



On Assignment with Joel Sartore Life Science

The book focuses on saving wild plants and animals.

SELECTION 1: “A World Worth Saving”—In this opinion piece, Joel Sartore explains why he thinks it is important to protect all of Earth’s living things. You will learn how wild plants and animals help humans survive. You will also find out what you can do to help save wild plants and animals.

SELECTION 2: “Joel Sartore: Photographer”—This profile tells about the work of National Geographic Photographer Joel Sartore. You’ll find out how he takes picture of animals that live in zoos and aquariums. You’ll also see what happens when a chimp does not cooperate!

SELECTION 3: “Portraits from the Photo Ark”—This photo essay shows some of Joel Sartore’s amazing animal portraits. You’ll see a giant anteater and a big-eared fox. You’ll also see rare animals, such as a California condor.

600L—6 pack **9781285824475**

710L—6 pack **9781285824482**

820L—6 pack **9781285824499**



Destination: Space Earth Science

Each of these articles is linked together by the topic of exploring space.

SELECTION 1: “Blast Off!”—This third-person narrative gives you an in-depth look at space travel aboard the Space Shuttle Columbia. Astronaut Donald Thomas tells about what it’s like to travel to space and the different things he witnesses as he orbits high above Earth.

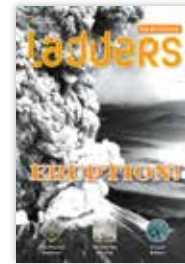
SELECTION 2: “Hubble and Beyond”—This reference article highlights space exploration and new discoveries made from images taken by three space telescopes—Hubble, Chandra, and Spitzer. The article is full of dramatic images taken by these three telescopes and explores what new information scientists have learned.

SELECTION 3: “Living in Space”—This third-person narrative takes you on a tour of the International Space Station (ISS) with astronaut Sunita Williams. You will learn about daily life on the ISS and the different things Sunita does to occupy her time as she lives in space for months at a time.

630L—6 pack **9781285824291**

710L—6 pack **9781285824307**

860L—6 pack **9781285824314**



Eruption Earth Science

The topic of this book is the Mount St. Helens eruption.

SELECTION 1: “The Volcano Awakens”—This first-person narrative is about one of the biggest volcanic eruptions in the history of the United States—the 1980 eruption of Mount St. Helens. National Geographic editor Rowe Findley was there on assignment when it happened. He describes this scary experience.

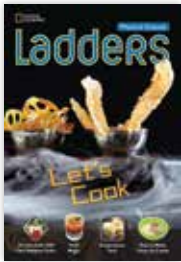
SELECTION 2: “The Day the Sky Fell”—This Earth Science article details some of the amazing facts about the 1980 eruption. The article is divided into three parts: the deadly blast, the dangerous mudflows, and the huge ash cloud. Each was destructive in different ways.

SELECTION 3: “A Land Report”—This science article joins scientist Charlie Crisafulli as he studies how the land and habitats around Mount St. Helens are still recovering. Explore what has—and what hasn’t—changed since the big 1980 eruption.

590L—6 pack **9781285824352**

700L—6 pack **9781285824369**

810L—6 pack **9781285824376**



Let's Cook Physical Science

This book is about the science of food and the different genres.

SELECTION 1: “An Interview with Chef Homaro Cantu”—An interview in which the chef describes how the insights and tools of science can be used to make foods more interesting and healthier.

SELECTION 2: “Food Magic”—This science article explains how science can be used to create delicious, new foods. You’ll read about edible spheres filled with fruit juice and a menu you can eat!

SELECTION 3: “Temperature Tech”—This science article explores some of the technology behind temperature and food—from a thermos to a hot pot.

SELECTION 4: “How to Make Fizzy Ice Cream”—This how-to article gives a step-by-step procedure for making ice cream with a twist—fizzy ice cream—and it explains the science involved in making ice cream.

740L—6 pack **9781285824932**

800L—6 pack **9781285824949**

890L—6 pack **9781285824956**



Explorer Tim Samaras: Tornadoes STEM

This book is about National Geographic Explorer, Tim Samaras, and his tornado research.

SELECTION 1: “Twister”—This science article tells you just about everything you wanted to know about tornadoes, including: how tornadoes form; different types of tornadoes; and how tornadoes are rated.

SELECTION 2: “Eyewitness to a Tornado”—This news article is a compilation, or collection, of stories from people who experienced one of the worst tornado disasters in recent history—the Joplin, Missouri tornado.

SELECTION 3: “Tim Samaras, Severe Storms Researcher”—An interview with National Geographic Explorer and severe storms researcher, Tim Samaras. In answering questions posed to him, Tim shared not only his research, but how young people can become involved in science, technology, engineering, and math.

SELECTION 4: “Tim’s Tips for Staying Safe”—In a how-to article, Tim shares his tips for staying safe during a tornado and other severe storms.

590L—6 pack **9781285825052**

690L—6 pack **9781285825069**

790L—6 pack **9781285825076**



Weird but True! Life Science

Life Science

You will read oodles of words in this book, but these words—adaptation, life cycle, and trait—connect to some of the big ideas in science.

SELECTION 1: “Strange Changes”—This science article highlights some unusual changes that plants and animals go through during their life cycles, and gives a close look at some unusual characteristics. You’ll learn of a flower that fools insects, a beetle that lives its life in dung, a rather explosive tree, and a see-through frog.

SELECTION 2: “Freaky Features”—This science article highlights strange adaptations that help animals survive in their environments. The blobfish, the anglerfish, an octopus, a mole, a monkey, and a condor—all have some surprising features that help them stay alive and thrive.

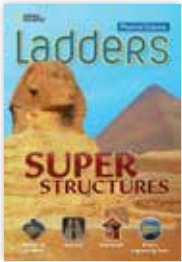
SELECTION 3: “Spiders!”—This science article will have you look eyes-to-eyes with spiders—very important animals in the environment. You’ll see weavers, trappers, and stalkers, and maybe end with a smile on your face.

SELECTION 4: “Yellowstone in Flames”—This science article takes you on a trip to explore what happened after a ferocious fire in the beloved national park. You might be surprised at the outcome of the fire and how park workers help to prevent fires from getting out of control.

690L—6 pack **9781285825205**

810L—6 pack **9781285825212**

920L—6 pack **9781285825229**



Super Structures

Physical Science

The focus of this book is constructing superstructures.

SELECTION 1: “Wonders of the World”—This history article takes you on a journey to the construction of incredible structures in ancient times. The article explains how builders in times past solved construction problems.

SELECTION 2: “How Tall!”—This reference article displays modern structures of incredible height and explains how engineers solved problems presented by size, the environment, and properties of materials.

SELECTION 3: “How Small!”—This photo essay highlights four tiny homes and describes features that help people “live small.”

SELECTION 4: “Modern Engineering Feats”—This engineering article fast forwards you to today and the construction problems that engineers overcome to solve problems presented by the environment.

630L—6 pack **9781285825083**

780L—6 pack **9781285825090**

910L—6 pack **9781285825106**



Taming the Wild

Life Science

Each of these articles is linked together by the topic of domestication of plants and animals.

SELECTION 1: “The Chicken and the Egg”—This reference article will introduce you to the wild ancestor of today’s chickens—the red jungle fowl. You can read about how people selected birds with preferred characteristics to raise and breed. After many years, we now have chickens that are bred for meat, for eggs, and even for their appearance.

SELECTION 2: “From Wolf to Woof”—This history article travels back in time to learn how dogs, related to wolves, became domesticated. Dogs have been close companions of people for thousands of years. You can learn about the great variety of dogs—from huge and stately Great Danes to tiny but spirited Chihuahuas, or even to the lovable mutt next door.

SELECTION 3: “Saving Seeds”—This engineering article takes a trip to the Svalbard Global Seed Vault in Norway, where people are stocking away millions of seeds from plants around the world. Find out why we need to preserve a great variety of seeds and how a seed vault works.

750L—6 pack **9781285825113**

870L—6 pack **9781285825120**

970L—6 pack **9781285825137**



Smart Animals

Life Science

This book is about smart animals.

SELECTION 1: “What Are They Thinking?”—This science article describes characteristics of some animals that you might call “smart.” You’ll read about rooks that find a clever way to get a worm, crows that use twigs to pry slugs from tree bark, a gorilla that makes original paintings, a parrot that can count, and elephants that recognize themselves in a mirror.

SELECTION 2: “Animals to the Rescue”—This science article features some animals with very unusual behavior, such as a gorilla that came to the aid of a boy who had fallen, a pod of dolphins that guarded a surfer from a shark, and a dog that warned his owner of an upcoming health emergency.

SELECTION 3: “Trained to Help”—This science article shares how Capuchin monkeys and miniature horses can be great helpers. Dogs with different characteristics are suited for training to help people in many ways.

SELECTION 4: “Treating Animals Responsibly”—This opinion piece presents reasons for treating intelligent animals with the respect and care that they deserve. You will see how people treat animals responsibly by providing natural habitats in zoos, establishing nature refuges for animals, and finding ways to prevent illegal hunting.

690L—6 pack **9781285825021**

820L—6 pack **9781285825038**

930L—6 pack **9781285825045**



The Good Earth

Earth Science

The focus of this book is on the Earth’s soils.

SELECTION 1: “Soil: Where Food Begins”—This science article explore the incredible importance of soil to human survival. You will explore some different soils around the world and how people depend on them. You will also learn about some of the ways in which soil is threatened.

SELECTION 2: “Earth on the Move”—This opinion piece looks at some of the arguments for and against building homes in places where a landslide might strike. It’s an important question, and the answer isn’t as straightforward as you may think.

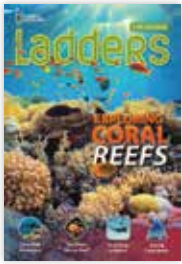
SELECTION 3: “Dreams to Dust”—This history article accounts the tragic Dust Bowl. You’ll see a worst-case scenario for what can happen when people don’t take care of soil. The Dust Bowl was the worst man-made natural disaster in the U.S. history.

SELECTION 4: “Saving the Soil”—This science article is about how we can save Earth’s fertile soils by changing the crops we grow for food. Soils are endangered. That’s why scientists are trying to develop new plants as part of a “grass-roots” solution.

730L—6 pack **9781285825175**

820L—6 pack **9781285825182**

920L—6 pack **9781285825199**



Exploring Coral Reefs

Life Science

This book explores the amazing coral reefs.

SELECTION 1: "Coral Reef Adventure"—This reference article introduces the fantastic world of coral reefs. These ocean structures can be huge but are built by tiny animals called coral polyps. You will zip around the world to explore some different reefs and learn about some of the animals that are adapted to live in the coral reef ecosystem.

SELECTION 2: "The Great Barrier Reef"—This science article is about the largest barrier reef in the world, located off the northeastern coast of Australia. Take a reading trip to the reef and observe some unusual relationships between some unique inhabitants. Then take a dive to see how energy from sunlight is passed through a food web and the eaten beneath the waves.

SELECTION 3: "Snorkeling in Belize"—This personal narrative accounts of two snorkeling trips to the same place—the Belize Barrier reef in Central America. You will experience two adventures led by the same guide, Alfonse Graniel, who works in San Pedro Town in Belize. He has been introducing people to the wonders of the reef for many years. He knows the reef inside and out, and is quite a storyteller, too.

SELECTION 4: "Saving Coral Reefs"—In this opinion piece, the author explains why it is important to save coral reefs from damage caused by human activities. You can learn about a few things that you can do to help preserve coral reefs, even if you live hundreds or thousands of miles from one.

690L—6 pack **9781285824901**
820L—6 pack **9781285824918**
910L—6 pack **9781285824925**



The Chesapeake Bay

Earth Science

Each of these articles is linked together by the topic of resources of the Chesapeake Bay.

SELECTION 1: "The Chesapeake on a Skipjack"—This science article takes you on a tour of the Chesapeake Bay on a traditional working sailboat called a skipjack. You'll discover the natural resources of the Bay, including the wind, water, and the different species of plants and animals found there.

SELECTION 2: "Saving the Bay"—This science article is about an environmental organization, the Chesapeake Bay Foundation (CBF) and its programs. The CBF works to restore the Bay's waters by preventing pollution and promoting sustainable farming practices. See how one school runs a business that is environmentally sound and profitable.

SELECTION 3: "Crabbing on the Bay"—This how-to article is about blue crabs and how to catch this Chesapeake Bay favorite. You will learn how to identify blue crabs and how to fish for them using a drop net and bait. You'll also learn how to make a traditional Bay recipe—crab cakes.

SELECTION 4: "The Port of Baltimore"—This personal narrative takes you on a tour of the port with Terminal Manager, Mark Schmidt. Mark describes how the port operates and how goods are loaded and unloaded from huge cargo ships.

720L—6 pack **9781285825144**
820L—6 pack **9781285825151**
910L—6 pack **9781285825168**



Let's Keep Moving!

Physical Science

The focus of this book is on machines that move from one place to another.

SELECTION 1: "Cool Cars"—This reference article highlights design features in cars and explains the science behind some of them. Reading through this article, you can see how design changes resulted from knowing more about science. But you'll also see that design changes resulted from knowing more about what people liked.

SELECTION 2: "Flight Around the Globe"—This third-person narrative allows you to travel along with Barrington Irving as he worked to make his dream come true, long before he became a National Geographic Explorer.

SELECTION 3: "The Space Shuttle 1981-2011"—This history article follows one chapter in NASA's history. Over these 30 years, astronauts began to travel to-and-from the International Space Station almost as easily as people ride in a taxi from a city street to a nearby airport.

SELECTION 4: "Next Stop: Mars"—This engineering article takes you behind the scenes of building a roving robotic tool that could explore Mars. Then you can experience the "7 Minutes of Terror" as NASA finds out if their ideas of how to land the rover have worked.

710L—6 pack **9781285824963**

840L—6 pack **9781285824970**

940L—6 pack **9781285824987**



Patterns

Earth Science

Each of these articles is linked together by the topic of patterns.

SELECTION 1: "Passage of Time"—This history article highlights different ways civilizations, including the ancient Egyptians, Chinese, Mayan, and Romans have marked the passing of time by the apparent movement of the sun and moon over Earth. Stonehenge is highlighted to show how people once tracked the pattern of the seasons.

SELECTION 2: "Monsoon!"—This science article tells you about the seasonal patterns in Bangladesh, a small country in South Asia. As you read, you will learn about borsha, the wet season, and rabi, the dry season in Bangladesh.

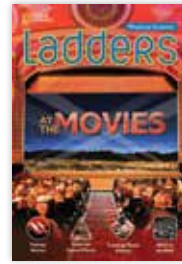
SELECTION 3: "D-Day! How Tides Changed History"—This history article describes the ocean's pattern of high and low tides. The article provides an account of how knowing the exact time of the tides were important to the Allied forces in the D-Day invasion of the Normandy region of France during World War II.

SELECTION 4: "Halley's Comet"—This history article describes Edmund Halley's discovery of the comet's pattern throughout history. The selection includes images of artifacts as early as 240 B.C. that account for the comet's appearance over Earth.

720L—6 pack **9781285824994**

830L—6 pack **9781285825007**

950L—6 pack **9781285825014**



At the Movies

Physical Science

Each of these articles is linked together by the topic of movies.

SELECTION 1: "Fantasy Movies"—This history article highlights some famous movies and the techniques used to make the impossible seem possible. You'll find out how techniques people used to make movies changed over time. And you'll also find out how older techniques can give a fresh look to the newest movies.

SELECTION 2: "Tricks for Sound"—This science article tells about how sound effects in movies can come from surprising sources.

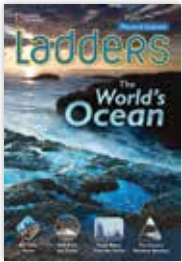
SELECTION 3: "Creating Visual Effects"—This science article explores how tiny changes in a series of still pictures can add up to a crazy crew of pirates swinging across the big screen while bounding through the waves on their ship.

SELECTION 4: "IMAX® to the MAX."—This article takes you to a far-away land with fantastic life forms and explains how you can feel as though you are right beside the beings because of 3-D video.

740L—6 pack **9781285824871**

840L—6 pack **9781285824888**

970L—6 pack **9781285824895**



The World's Ocean

Physical Science

Each of these articles is linked together by the topic of the ocean.

SELECTION 1: "Our Salty Ocean"—This science article describes properties of the ocean and its living things, and explains why some properties differ in different places.

SELECTION 2: "Salt from the Ocean"—This process article explains how sea salt that people eat is harvested from ocean water. Some fun facts about sea salt's cultural importance are included too.

SELECTION 3: "Fresh Water from the Ocean"—This engineering article tells how engineers use science information and technology to solve how to supply a bustling city in the desert with enough fresh water to drink and live.

SELECTION 4: "The Ocean's Rainbow Beaches"—This science article takes you on a tour of color beaches around the world and explains why they are the colors they are.

780L—6 pack **9781285825847**
910L—6 pack **9781285825854**
1000L—6 pack **9781285825861**



Swarm!

Life Science

Each of these articles is linked together by the topic of swarms.

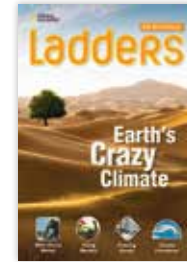
SELECTION 1: "Things That Swarm"—This science article explains why some animals gather in great numbers. You'll read about bats that come out of their caves to feed on insects in Texas; red crabs that migrate in Australia; penguins that huddle to keep their chicks warm; starlings that swirl in the sky to avoid predators; and honeybees that swarm to find a new home.

SELECTION 2: "Cicada Mania!"—This science article describes how swarms of cicadas emerge from the ground to mate in certain parts of the U.S. You'll read about how these fascinating insects make such loud noises and how their bodies grow and molt during their life cycle.

SELECTION 3: "The March of the Army Ants"—This science article describes how army ants live in huge colonies with hundreds of thousands of members. You'll read about how the ants work together as a team, how they build nests and bridges with their own bodies, and how their bodies change greatly during their life cycle.

SELECTION 4: "Locusts Invade!"—This science article describes an insect, called a locust that looks a lot like a grasshopper, but acts very different. When the locusts' food runs short, they gather into swarms by the millions and go out looking for food, destroying farmers' crops.

780L—6 pack **9781285825694**
910L—6 pack **9781285825700**
970L—6 pack **9781285825717**



Earth's Crazy Climate

Earth Science

The focus of this book is on the Earth's changing climate.

SELECTION 1: "When the Ice Melted"—This science article explores some of the astonishing effects of global climate change at the end of the last ice age.

SELECTION 2: "Viking Weather"—This history article describes how the Vikings settled on Greenland more than thousand years ago. Viking settlements thrived on Greenland for centuries, until the climate started getting colder. Then the settlements mysteriously disappeared.

SELECTION 3: "Freezing Europe"—This history article takes you back to a centuries-long period of cooler climate called the Little Ice Age. It explores some of the surprising consequences of the Little Ice Age on Europeans and on European Art.

SELECTION 4: "Climate Conundrum"—This science article explore the problem of present-day climate change. You also learn what scientists think the future could be like if the global temperature continues to rise.

790L—6 pack **9781285825540**
930L—6 pack **9781285825557**
990L—6 pack **9781285825564**



The Sinking of the Titanic

Physical Science

Each of these articles is linked together by the topic of the Titanic.

SELECTION 1: “Building of the Titanic”—This history article takes you through the Titanic’s construction, from plans to launch. Using images and text, it explains how the ship was built and readied for sail.

SELECTION 2: “The Night the Titanic Sank”—These firsthand accounts tell from the mouths of the survivors, what happened on this fateful night.

SELECTION 3: “Alvin the Submersible”—This engineering article describes how engineers solved the problems of deep ocean exploration to find the wreck of the Titanic.

SELECTION 4: “Titanic’s Artifacts”—This opinion piece is about why some people think the objects from the Titanic should remain in their final resting place while others think the objects should be recovered and on display for all to see.

860L—6 pack **9781285825816**

940L—6 pack **9781285825823**

1010L—6 pack **9781285825830**



The Galapagos Islands

Life Science

The focus of this book is on the Galapagos Islands.

SELECTION 1: “History of the Galapagos Islands”—This history article will take you back in time to discover how the remarkable Galapagos Islands were formed. You’ll read about the unique plants and animals that have made their homes in the harsh conditions of these islands, and how people have affected them.

SELECTION 2: “Wild Galapagos”—This science article features a variety of Galapagos species that have fascinated travelers and inspired scientists for centuries. You’ll learn how finches got their beak shapes, how to tell apart two types of tortoises, and about an iguana that sneezes.

SELECTION 3: “Expedition to Galapagos”—This personal narrative will tag you along with National Geographic Explorer Tierney Thys as she tours the Galapagos Islands. This piece contains photos, quotes, and journal entries from Dr. Thys’s recent travels.

SELECTION 4: “Human Footprints in the Galapagos”—In this opinion piece you will read why the writer believes in protecting the Galapagos Islands and the steps to write your own opinion piece.

840L—6 pack **9781285825755**

910L—6 pack **9781285825762**

1020L—6 pack **9781285825779**



The Savage Mountain

Physical Science

The focus of this book is on mountain climbing.

SELECTION 1: “A Mountain Called K2”—This science article describes the challenges of climbing in the extreme environment found on K2, one of the highest mountains in the world.

SELECTION 2: “K2 1978”—In this personal narrative, two of the climbers on that expedition describe their experiences in their own words.

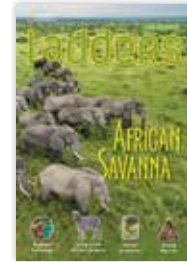
SELECTION 3: “K2 2011”—This third-person narrative allows you to experience a recent climb to K2’s summit. The narrative explains how such a feat can be accomplished without carrying bottled oxygen.

SELECTION 4: “Geared Up!”—This reference article shows you some of the important tools and devices that mountain climbers carry with them.

790L—6 pack **9781285825786**

940L—6 pack **9781285825793**

980L—6 pack **9781285825809**



African Savanna

Life Science

This book explores the amazing African savanna.

SELECTION 1: “Elephant Orphanage”—In this inspiring science article, you will read about orphaned baby elephants in Africa, the challenges of raising them to adulthood, and a project that has been doing so successfully.

SELECTION 2: “Living on the African Savanna”—This science article will introduce you to the amazing connections among plants and animals in the African savanna ecosystem. You’ll find out why wildebeests walk a thousand miles each year, why zebras have stripes, why hyenas scavenge, and why giraffes let birds climb up their necks.

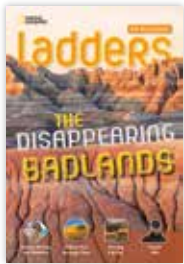
SELECTION 3: “Animal Architects”—This science article is about two African savanna animals that build impressive homes. One, the weaver bird, constructs elaborate nests in trees. The other, the naked mole rat, digs complex tunnel systems under the ground.

SELECTION 4: “Saving Big Cats”—This nonfiction narrative highlights the work of National Geographic Explorers Beverly and Dereck Joubert. As photographers, filmmakers, and conservationists, this pair is doing everything they can to preserve Africa’s big cats and their ecosystem.

790L—6 pack **9781285825519**

920L—6 pack **9781285825526**

1020L—6 pack **9781285825533**



The Disappearing Badlands

Earth Science

Each of these articles is linked together by the topic of the Badlands.

SELECTION 1: “Gullies, Buttes, and Hoodoos”—This science article explores the bizarre landforms in Badlands National Park, South Dakota. Few places on Earth contain so many strange, mysterious rock shapes. Along the way, you will learn how the Badlands formed and why they are rapidly “disappearing.”

SELECTION 2: “A Rock Tour Through Time”—This science article allows you to travel through time with “rock band.” By following an important rule in Earth Science, you can use the different rock bands, or layers of rock, to go back in time millions of years. You will see some of the astonishing ways this place has changed over time.

SELECTION 3: “The Big Pig Dig”—This third-person narrative tells the story of a huge collection of fossil bones that were uncovered in Badlands National Park. The site is the location of a prehistoric watering hole containing fossils of hundreds of strange mammals, most of them extinct today. There were so many fossils; it took scientists more than ten years to uncover them.

SELECTION 4: “Fossil Phil”—In this interview piece, Dr. Phil Manning talks about his work hunting for dinosaur fossils in South Dakota. He shares with us why he loves being a scientist and how he became interested in paleontology, or the study of fossils.

810L—6 pack **9781285825724**
920L—6 pack **9781285825731**
1000L—6 pack **9781285825748**



Power Up

Earth Science

The focus of this book is on using energy resources.

SELECTION 1: “Fossil Fuels”—This reference article gives you detailed information about our use of fossil fuels—Coal, oil, and natural gas.

SELECTION 2: “Renewable Energy Tour”—This science article takes you to places near and far where people are using renewable energy in really big ways. Today more people than ever before are powering up with renewable energy resources instead of fossil fuels.

SELECTION 3: “Debating Wind Power”—This opinion piece explores how people like the idea of wind-generated electricity, as long as the wind farm is not nearby. Residents on the Hawaiian island of Lana‘i are divided over whether or not to build a wind farm on their island. Two opinions are presented so you can compare the pros and cons.

SELECTION 4: “A Fuel of the Future”—This science article explores the mostly untapped potential of hydrogen-fueled cars. Hydrogen is the most plentiful substance in the universe. Hydrogen vehicles are clean and quiet. So why aren’t we using hydrogen fuel? Actually, some people already are.

850L—6 pack **9781285825663**
950L—6 pack **9781285825670**
1020L—6 pack **9781285825687**



Going Green

Physical Science

This book explores sustainable practices.

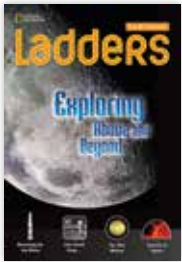
SELECTION 1: “Portland, Oregon, United States”—This science article explains how rainwater runoff and electricity are just two of the science ideas behind sustainable practices in this green city.

SELECTION 2: “Curitiba, Brazil”—This science article describes how building parks and growing forests help a city go “green” literally, with plenty of green spaces all over.

SELECTION 3: “Freiburg, Germany”—This science article explains how golden sunshine can become green energy.

SELECTION 4: “Reykjavik, Iceland”—This science article takes you on a tour of a frozen land to see how hot and cold water add up to green energy resources.

810L—6 pack **9781285825601**
930L—6 pack **9781285825618**
1000L—6 pack **9781285825625**



Exploring Above and Beyond

Earth Science

Each of these articles is linked together by the topic of exploring the solar system.

SELECTION 1: “Reaching for the Moon”—This biography is about Robert Goddard an early 20th-century rocket scientist and engineer. Goddard was not only an engineer—he was a pioneer. He did much of his work during a time when most people had never heard of rocket science. Goddard’s dream was to design rockets that could take people into space. His research helped pave the way for modern space travel

SELECTION 2: “One Small Step...”—This third-person narrative is about two astronauts in 1969, whom became the first humans to walk on the moon.

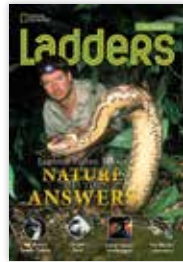
SELECTION 3: “Far-Out Moons”—This science article is about moons. The solar system contains more than 170 known moons and some of these moons are incredibly strange. Scientists use unmanned spacecraft to observe moons up close.

SELECTION 4: “Storms in Space”—This science article is about space weather. The sun is the source of space weather, which affects life on Earth. Join NASA scientist Dr. Madhulika Guhathakurta on an exploration of storms in space.

840L—6 pack **9781285825571**

920L—6 pack **9781285825588**

1000L—6 pack **9781285825595**



Explorer Zoltan Takacs: Nature Has the Answers

STEM

This book explores answers from nature, with National Geographic Explorer, Zoltan Takacs.

SELECTION 1: “The World’s Deadliest Snakes”—This reference article describes several impressive species of venomous snake, discusses the difference between venomous and poisonous, and explains how antivenom is made. An illustration reveals the marvelous structures inside a venomous snake’s mouth.

SELECTION 2: “Snake Hunt”—This third-person narrative takes you along with National Geographic Explorer Zoltan Takacs as he searches for dangerous sea snakes in the South Pacific.

SELECTION 3: “Zoltan Takacs: Toxinologist”—In this interview with Zoltan Takacs, you will read Zoltan’s own words as he describes his passion for snakes, science, and adventure.

SELECTION 4: “The World’s Laboratory”—This reference article showcases diverse organisms from around the world that may hold answers to some of our medical problems. Each organism—seven animals and one plant—produces unique toxins that scientists hope to transform into cures.

840L—6 pack **9781285825632**

920L—6 pack **9781285825649**

1000L—6 pack **9781285825656**

ORDERING OPTIONS

For more options, contact your representative.

Digital catalog: NGL.Cengage.com/catalogs

COMMON CORE READERS

National Geographic Ladders Bookroom

Grades 3–5

Classroom Set for Grades 3–5	6 copies of each title/reading level/grade, 576 books total, plus 3 Teacher's Guides	9780736294430	\$3,060.00
Single-Copy Set for Grades 3–5	1 copy of each title/reading level/grade, 96 books total	9780736294447	\$570.00
National Geographic Ladders Sets			
		Grade 3	Grade 4
Classroom Set	6 copies of each title, 192 books total, plus Teacher's Guide	9780736294454	9780736295079
Single-Copy Set	1 of each title/reading level, 32 books total	9780736294461	9780736295086
eBook Single Copy Set	the on-level eBook for each title	9781285822075	9781285822099
Spanish Classroom Set	6 copies of each title, 48 books total	9781305161214	9781305161238
Spanish eBook Single Copy Set	the on-level eBook of each title	9781305161276	9781305161290

SCIENCE

National Geographic Ladders Science Bookroom

Grades 3–5

Classroom Set for Grades 3–5	6 copies of each title / reading level, 648 books total	9781285824055	\$3,442.50
Single-Copy Set for Grades 3–5	1 copy of each title / reading level, 108 books total	9781285824062	\$641.25
National Geographic Ladders Science Sets			
		Grade 3	Grade 4
Classroom Set	6 copies of each title /reading level, 216 books total	9781285824079	9781285824710
Single-Copy Set	1 of each title / reading level, 36 books total	9781285824086	9781285824727
Single-Copy eBook Set (On-Level)	1 of each on-level title, 12 eBooks total	9781285824130	9781285825410
Single-Copy Set and Single-Copy eBook Set (On-Level)	1 of each on-level title, 12 books and 12 eBooks total	9781285824147	9781285824789
Life Science Classroom Set	6 copies each of 4 titles / reading levels, 72 books total	9781285824178	9781285825458
Earth Science Classroom Set	6 copies each of 4 titles / reading levels, 72 books total	9781285824192	9781285824833
Physical Science Classroom Set	6 copies each of 4 titles / reading levels, 72 books total	9781285824215	9781285824857

SOCIAL STUDIES

National Geographic Ladders Social Studies Grade 3

Classroom Set	6 copies of each title / reading level, 162 books total	9781285822150	\$911.25
Single-Copy Set and Single Copy eBook Set (On-Level)	1 of each on-level title, 9 books and 9 ebooks total	9781285822228	\$90.00
Single-Copy Set	1 of each title / reading level, 27 books total	9781285822167	\$160.25
Single-Copy eBook Set (On-Level)	1 of each on-level title, 9 ebooks total	9781285822211	\$56.25

National Geographic Ladders Social Studies Grade 4

Classroom Set	6 copies of each title / reading level, 252 books total	9781285822655	\$1,417.50
Single-Copy Set and Single-Copy eBook Set (On-Level)	1 of each on-level title, 14 books and 14 ebooks total	9781285822723	\$140.00
Native Americans Classroom Set	6 copies each of 4 titles / reading levels, 72 books total	9781285822754	\$450.00
Single-Copy Set	1 of each title / reading level, 42 books total	9781285822662	\$249.50
Single-Copy eBook Set (On-Level)	1 of each on-level title, 14 ebooks total	9781285822716	\$87.50
Native Americans Single-Copy Set	1 of each title / reading level, 12 books total	9781285822761	\$75.00

National Geographic Ladders Social Studies Grade 5

Classroom Set	6 copies of each title / reading level, 234 books total	9781285823379	\$1,316.25
Single-Copy Set and Single-Copy eBook Set (On-Level)	1 of each on-level title, 13 books and 13 ebooks total	9781285823447	\$130.00
Single-Copy Set	1 of each title / reading level, 39 books total	9781285823386	\$231.50
Single-Copy eBook Set (On-Level)	1 of each on-level title, 13 ebooks total	9781285823430	\$81.25